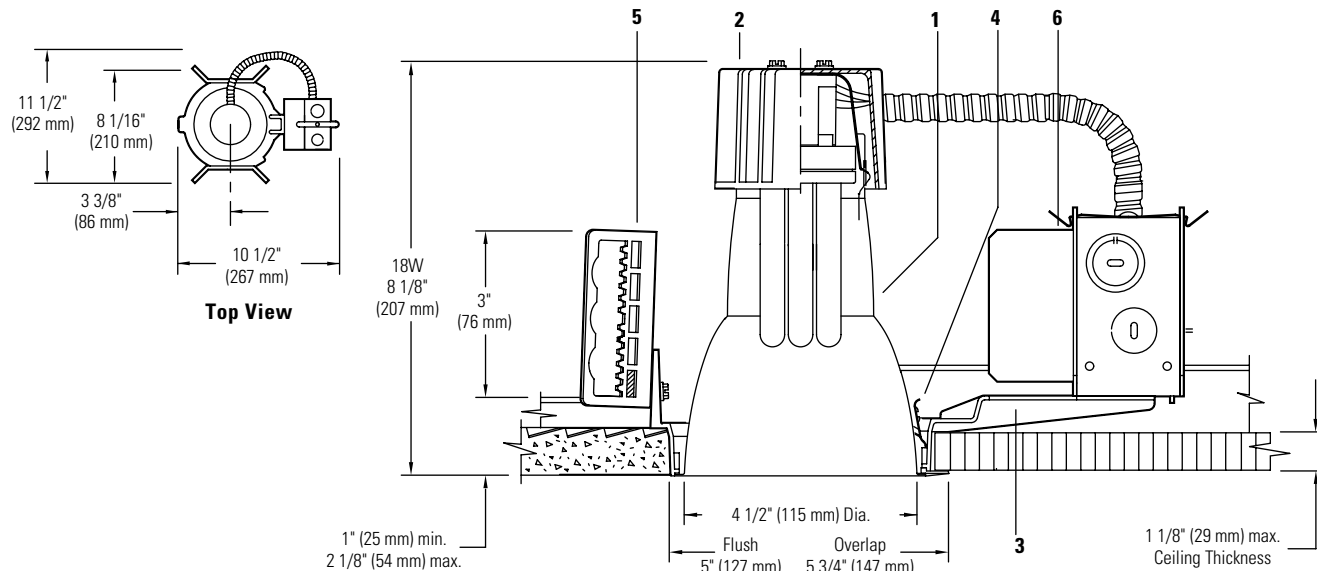




Calculite® Compact Fluorescent Open Downlight 8011

Page 1 of 2

4 1/2" Aperture Triple Tube Vertical Lamp



Ceiling Cutout: 5 1/16" (129 mm) Dia.

| Reflector Trim | Frame-In Kit | Lamp |
|--|--------------------------------------|------------------------|
| 8011CCLW Comfort Clear™, White Flange | 4118VU Electronic 120V - 277V | 18W Triple Tube |
| 8011CCLP Comfort Clear™, Polished Flange | | 4-Pin (Amalgam) |
| 8011CCL Comfort Clear™, Molded Trim Ring | | |
| 8011 <input type="checkbox"/> Add suffix. See options for other finishes. | | |

Features

- Reflector:** 16 ga. Alzak® aluminum, 50° visual cutoff to lamp and lamp image, medium distribution. Comfort Clear™ low iridescence finish. Self-flanged or flangeless with molded white trim ring (field paintable).
- Socket Cup:** Die-cast aluminum cup effectively dissipates heat and positions lamp holder. Snaps onto reflector neck to assure consistently correct optical alignment without tools.
- Mounting Frame:** Die-cast aluminum for dry or plaster ceilings.
- Retaining Springs:** Precision-tooled steel friction springs secure reflector to mounting frame for quick, tool-less installation.
- Mounting Brackets:** 16 ga. steel. Adjust from inside of fixture. Use 3/4" or 1 1/2" lathing channel, 1/2" EMT, or optional mounting bars.
- Ballast/J-Box:** Outboard mounted to reduce heat transfer and maintain lamp efficacy and life. Service from below without tools.

Electrical

Note: For ballast electrical data and latest lamp/ballast compatibility refer to "Ballast" specification sheet for complete electrical data.

UL listed for through branch circuit wiring with max of (8) No. 12 AWG, 90°C supply conductors.

Options and Accessories

Comfort Clear™ Finishes¹

Diffuse **CCD**
Champagne Bronze **CCZ**

Other Finish

White **WH**

¹Specify desired flange

W White, **P** Polished

Blank - Molded Ring

Options and Accessories (continued)

Emergency Add suffix **EM**
Chicago Plenum Add suffix **LC**
Emergency Ltg. Kit **FA EM3E***
FA EM4E*

Fuse (Slow Blow) Add suffix **F**

*See Spec. Sheet: FAEM

Mounting Bars & Accessories; see Specification Sheet MBA. Sloped Ceiling Adapters; see Specification Sheet SCA.

IC Frame available; see **C4CFL18** Specification Sheet.

Labels

UL listed for damp locations, I.B.E.W.

Alzak® is a registered trademark of ALCOA.

US Patent Pending.

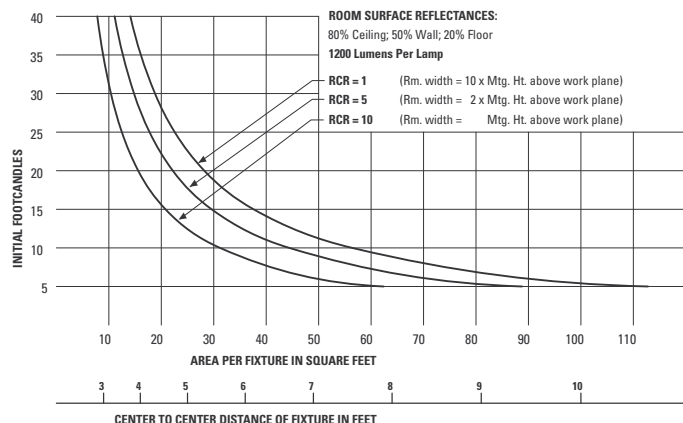
| Job Information | Type: |
|------------------|-------|
| Job Name: | |
| Cat. No.: | |
| Lamp(s): | |
| Notes: | |

Lightolier a Genlyte company www.lightolier.com
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LIGHTOLIER®



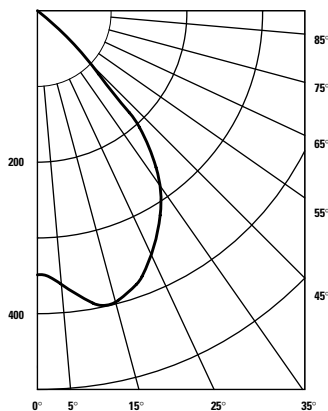
Quick Calculator



This quick calculator chart determines the number and spacing of 1 ft.-18W PL-T units with clear reflector, for any level of illumination.

Spacing Ratio = 1.2

CERTIFIED TEST REPORT NO. 0662FR
COMPUTED BY LSI PROGRAM **TEST-LITE**
CALCULITE RECESSED COMPACT FLUORESCENT OPEN DOWNLIGHT,
4 1/2" DIA. APERTURE CLEAR REFLECTOR
1-18W PLT LAMP. LUMEN RATING = 1200 LMS.



CANDLEPOWER SUMMARY

| ANGLE | MEAN CP | LUMENS |
|-------|---------|--------|
| 0 | 350 | |
| 5 | 368 | 35 |
| 10 | 394 | |
| 15 | 394 | 110 |
| 20 | 374 | |
| 25 | 343 | 158 |
| 30 | 305 | |
| 35 | 254 | 155 |
| 40 | 171 | |
| 45 | 36 | 48 |
| 50 | 5 | |
| 55 | 1 | 2 |
| 60 | 0 | |
| 65 | 0 | 0 |
| 70 | 0 | |
| 75 | 0 | 0 |
| 80 | 0 | |
| 85 | 0 | 0 |
| 90 | 0 | |

ZONAL LUMENS AND PERCENTAGES

| ZONE | LUMENS | % LAMP | % LUMINAIRE |
|--------|--------|--------|-------------|
| 0-30 | 303 | 25.30 | 59.81 |
| 0-40 | 458 | 38.18 | 90.25 |
| 0-60 | 507 | 42.30 | 100.00 |
| 0-90 | 507 | 42.30 | 100.00 |
| 40-90 | 49 | 4.13 | 9.75 |
| 60-90 | 0 | .00 | .00 |
| 90-180 | 0 | .00 | .00 |
| 0-180 | 507 | 42.30 | 100.00 |

** Efficiency = 42.38% **

Coefficients of Utilization

ZONAL CAVITY METHOD
EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

| CC WALL | 80 | | | 70 | | | 50 | | | 30 | | | 10 | | | 0 |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | |
| RCR | | | | | | | | | | | | | | | | |
| 1 | .47 | .46 | .46 | .47 | .46 | .45 | .45 | .44 | .43 | .43 | .43 | .42 | .42 | .41 | .41 | .40 |
| 2 | .44 | .43 | .42 | .44 | .42 | .41 | .42 | .41 | .40 | .41 | .40 | .39 | .40 | .39 | .39 | .38 |
| 3 | .42 | .40 | .38 | .41 | .39 | .38 | .40 | .39 | .37 | .39 | .38 | .37 | .38 | .37 | .36 | .36 |
| 4 | .39 | .37 | .36 | .39 | .37 | .35 | .38 | .36 | .35 | .37 | .36 | .35 | .36 | .35 | .34 | .33 |
| 5 | .37 | .34 | .33 | .36 | .34 | .33 | .36 | .34 | .32 | .35 | .33 | .32 | .34 | .33 | .32 | .31 |
| 6 | .35 | .32 | .31 | .34 | .32 | .30 | .34 | .32 | .30 | .33 | .31 | .30 | .33 | .31 | .30 | .29 |
| 7 | .32 | .30 | .28 | .32 | .30 | .28 | .32 | .29 | .28 | .31 | .29 | .28 | .31 | .29 | .28 | .27 |
| 8 | .30 | .28 | .26 | .30 | .28 | .26 | .30 | .27 | .26 | .29 | .27 | .26 | .29 | .27 | .26 | .25 |
| 9 | .28 | .26 | .24 | .28 | .26 | .24 | .28 | .25 | .24 | .27 | .25 | .24 | .27 | .25 | .24 | .23 |
| 10 | .26 | .24 | .22 | .26 | .24 | .22 | .26 | .24 | .22 | .25 | .23 | .22 | .25 | .23 | .22 | .21 |

Job Information

Type:

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